AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A mobile communication network system comprising a plurality of

nodes including a home agent, a correspondent node, and a mobility anchor point connected to

the network,

wherein each node produces a duplication of a binding cache on receipt of location

registration information from a mobile terminal, maintains and manages the duplication of the

binding cache for backup purposes, and

on restoration of the node from a failure, each node obtains the contents of the binding

cache as generated and stored before the node failure from the duplicated binding cache,

wherein the node transmits a location registration request to the mobile terminal in

accordance with the contents of the binding cache obtained as generated before the node failure,

and when no response is received against the location registration request, the node determines

the obtained binding cache obtained before the failure as invalid, and deletes the location

information of said mobile terminal..

2. (Cancelled)

3. (Previously Presented) The mobile communication network system according to claim 1,

wherein, when a plurality of mobile terminals exist as objects for transmitting the

location registration request, the node controls transmission intervals of said location registration

requests to the plurality of mobile terminals by successively transmitting with delay.

4. (Currently Amended) A mobile communication network system comprising a plurality of

nodes each connected to the network,

wherein, when a mobile terminal moves from a particular node to another different node,

said mobile terminal obtains from an external link a node address after the movement as a care-

of address, and transmits the obtained care-of address to the particular node as location

registration information,

the particular node registers the location registration information into a binding cache,

manages the location registration information, duplicates the contents of the binding cache for

backup purpose, and maintains and manages the duplicated contents of the binding cache, and

when the particular node is restored from a failure and initiated for restoration, the

particular node transmits a location registration request to the mobile terminal which is registered

in ~~the duplicated contents of~~ the binding cache, and when no response is received from the

mobile terminal against the location registration request, the node deletes the location

information of the mobile terminal from the binding cache.

5. (Original) The mobile communication network system according to claim 4,

wherein the plurality of nodes include a correspondent node and a home agent, and

when the correspondent node transmits a packet to the mobile terminal using a home

address of the mobile terminal, the home agent transfers the packet to the care-of address

registered in the binding cache.

6. (Original) The mobile communication network system according to claim 5, further

comprising a mobility anchor point as one of the plurality of nodes,

wherein the mobile terminal transmits the care-of address, which is transmitted to the home agent as location registration information, to the mobility anchor point as location registration information, and registers the care-of address into a binding cache of the mobility anchor point.

7. (Original) The mobile communication network system according to claim 6,

wherein, when a packet is transmitted from the correspondent node to the mobile terminal using the home address of the mobile terminal, the packet is intercepted by the home agent and the mobility anchor point, and transferred to the mobile terminal.